Windows 8.1 What's New, Part 2 of 3: Retargeting

Meet the expert: Mike Benkovich delivers technical presentations around the U.S. as a consultant, trainer, and former Developer Evangelist for Microsoft. He has worked in a variety of professional roles including architect, project manager, developer, and technical writer. Mike is also an author of two books, published by WROX Press and APress, that show developers how to get the most from their SQL databases. Since appearing in the 1994 Microsoft DevCast, Mike has presented technical information at seminars, conferences, and corporate boardrooms across America.

Prerequisites: This course assumes that students have some programming background and experience using Visual Studio 2010/2012 and C# or Visual Basic. In addition, the course assumes some basic knowledge of XAML markup and basic knowledge of Windows store applications and Windows 8.

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Course description: In Windows 8 Microsoft brought the world a modern, secure and touch ready operating system. Applications built for Windows 8 took advantage of the features and the ecosystem to deliver a great experience to end users. In Windows 8.1 they take that a step further. In this course we are going to look at what is involved in retargeting a XAML based application to Windows 8.1. There are things developers need to think about, including new screen layouts, tile options, and more. We will show you what you need to know to take an existing application and retarget it for windows 8.1.

Course outline:

Targeting Windows 8.1
- Introduction
- Why Target Windows 8.1?
- The Process of Retargeting
- New Windows 8.1 Features
- Tools - Visual Studio 2013
- Maintain Code for Two Apps
- Our Source Project
- Demo: The Source Project
- Demo: App Resizing
- Demo: Retargeting
- Summary

Retargeting to Windows8.1
- Introduction
- Retargeting to Windows 8.1
- Deprecated from Windows 8
- Query for Window Size
- Sending Tile Updates
- Demo: Tile Sizes
- Demo: Window Size Change
- Demo: Snap View
- Demo: Tiles
- Demo: Updating Tiles
- Summary

Debugging and Deploying
- Introduction
- Debugging and Deploying
- Two Platform Versions
- Note on Version Numbers
- Submit to Store
- Submission Example
- Demo: Testing
- Demo: Simulator
- Demo: Remote Tools
- Demo: Store Package
- Demo: Submit to Store
- Summary